

Title (en)
IMPROVED HAND TOOL

Title (de)
VERBESSERTES HANDWERKZEUG

Title (fr)
OUTIL A MAIN AMELIORE

Publication
EP 1503619 A4 20061025 (EN)

Application
EP 03724523 A 20030509

Priority
• US 0314512 W 20030509
• US 38036102 P 20020514

Abstract (en)
[origin: WO03096783A1] An improved hand tool is disclosed having an elongated handle member (40) coupled to a tool head (20) and includes a junction (60) between the handle member and a surface of the tool head that defines an elongated interface. A weld (36) is provided along substantially all of the elongated interface so that the tool head is rigidly attached to a lower end of the handle member. A gripping member (80) is coupled to an upper end of the handle member and has a top portion (88) with an arcuate profile coupled to a bottom portion (90) having a substantially U-shaped profile. The tool head includes a blade member formed of a material having a first thickness and integrally formed with a step member having a second thickness greater than the first thickness.

IPC 1-7
A01B 1/00

IPC 8 full level
A01B 1/02 (2006.01); **B25G 1/10** (2006.01)

CPC (source: EP US)
A01B 1/02 (2013.01 - EP US); **A01B 1/22** (2013.01 - EP US); **B25G 1/102** (2013.01 - EP US)

Citation (search report)
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• See references of WO 03096783A1

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